

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN011819\
 Data File : VN053461.D
 Acq On : 18 Jan 2019 10:00
 Operator : JC/SP
 Sample : K1181-01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 4 Sample Multiplier: 28

Instrument :
 MSVOA_N
 ClientSampleId :
 SPDES-1

Quant Time: Jan 18 10:24:34 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA N\METHODS\624N122818W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Fri Dec 28 10:33:50 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	7.20	128	84270	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	8.59	114	446471	30.00	ug/l	0.00
57) Chlorobenzene-d5	11.41	117	393794	30.00	ug/l	0.00

System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.03	65	159463	29.79	ug/l	0.00
Spiked Amount	30.000	Range	50 - 169	Recovery	=	99.30%
60) 4-Bromofluorobenzene	12.40	95	161247	26.76	ug/l	0.00
Spiked Amount	30.000	Range	56 - 143	Recovery	=	89.20%
63) Toluene-d8	10.09	98	519643	29.29	ug/l	0.00
Spiked Amount	30.000	Range	66 - 137	Recovery	=	97.63%

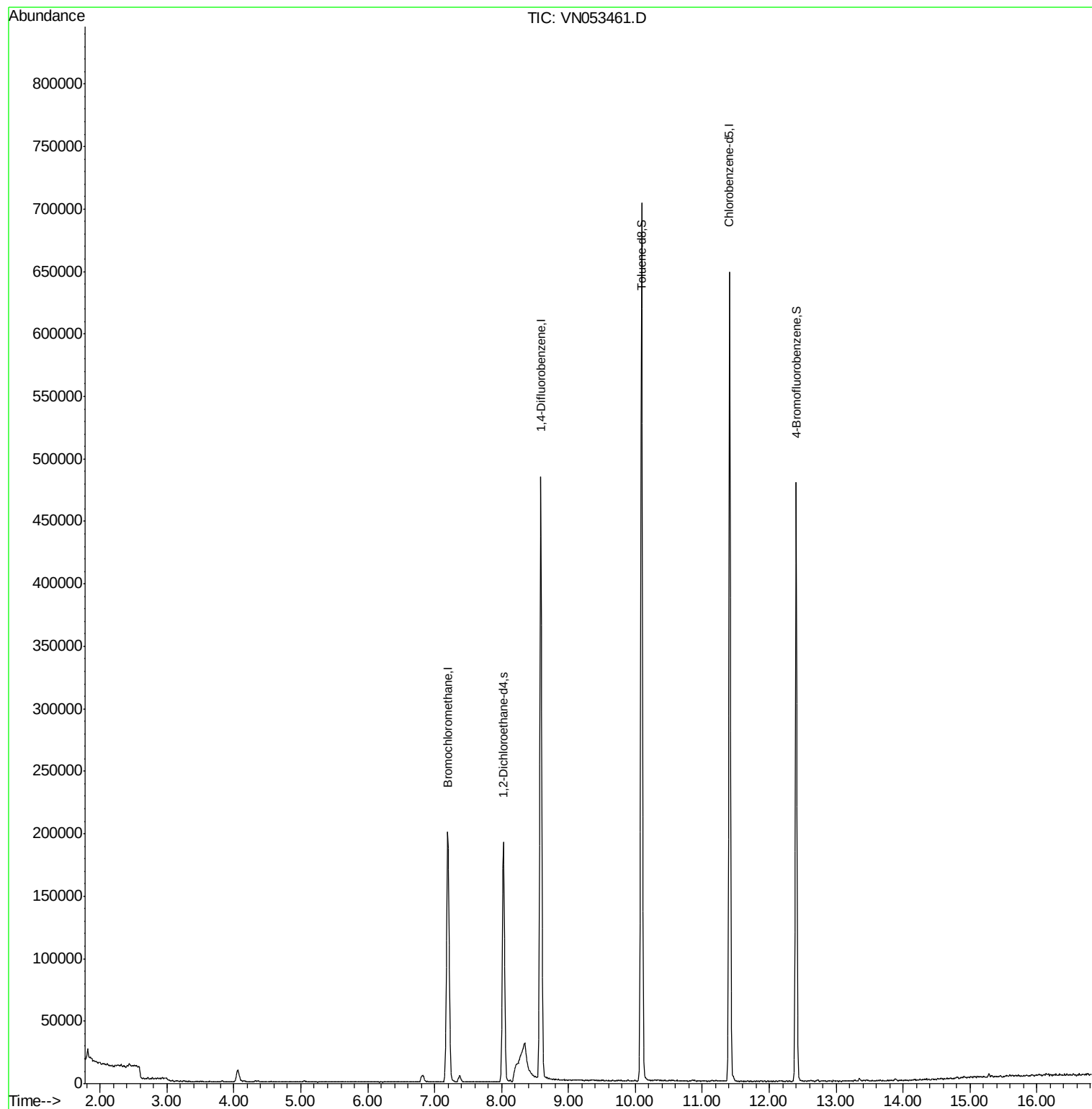
Target Compounds	Ovalue

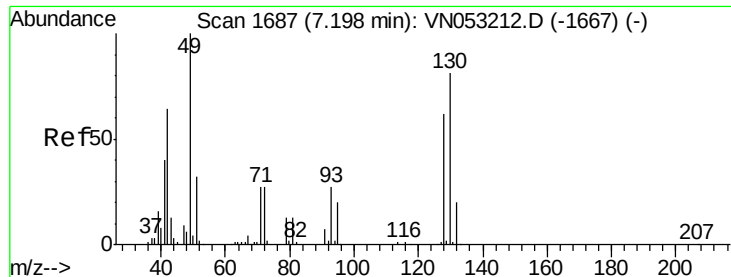
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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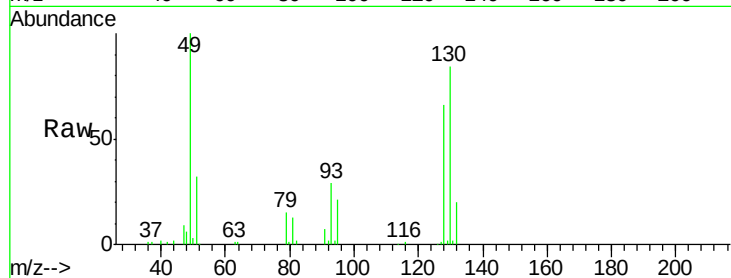




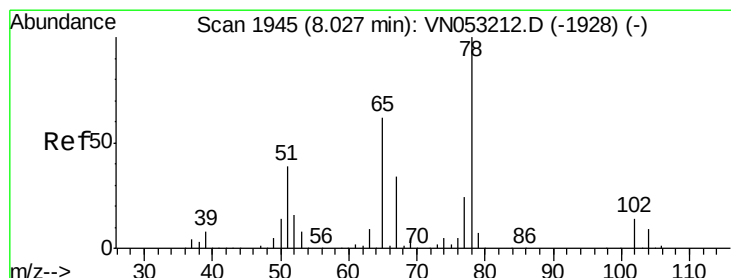
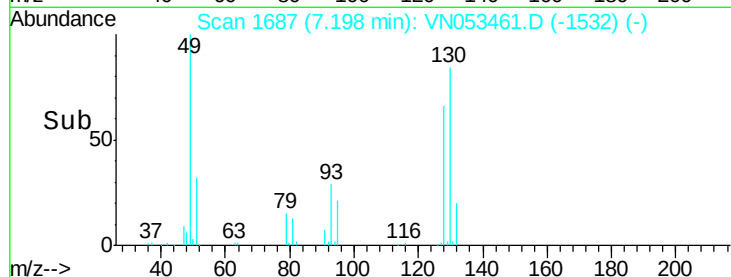
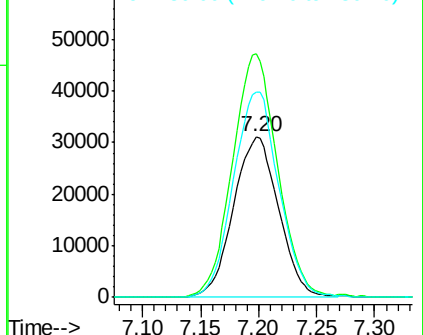
#1
 Bromochloromethane
 Concen: 30.000 ug/l
 RT: 7.20 min Scan# 1687
 Delta R.T. -0.00 min
 Lab File: VN053461.D
 Acq: 18 Jan 2019 10:00

Instrument :
 MSVOA_N
 ClientSampleId :
 SPDES-1

Tot Ion:128 Resp: 84270
 Ion Ratio Lower Upper
 128 100
 49 150.9 0.0 431.8
 130 129.5 0.0 317.0

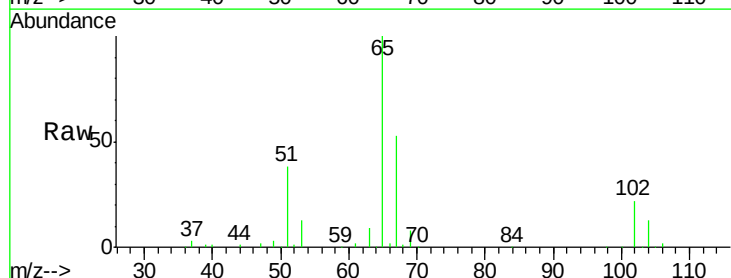


Abundance Ion 128.00 (127.70 to 128.70): V
 Ion 49.00 (48.70 to 49.70): VN
 Ion 130.00 (129.70 to 130.70): V

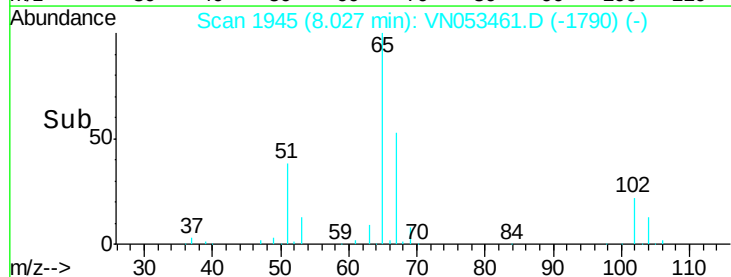
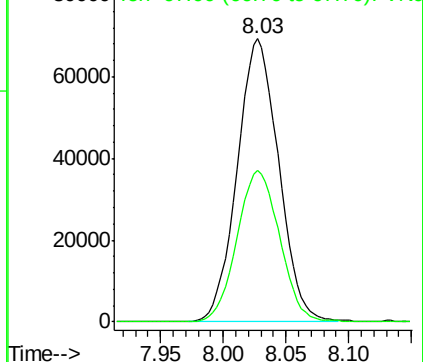


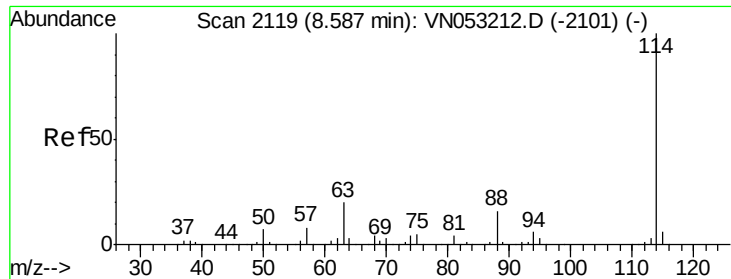
#27
 1,2-Dichloroethane-d4
 Concen: N.D. ug/l
 RT: 8.03 min Scan# 1945
 Delta R.T. -0.00 min
 Lab File: VN053461.D
 Acq: 18 Jan 2019 10:00

Tgt Ion: 65 Resp: 159463
 Ion Ratio Lower Upper
 65 100
 67 55.0 44.6 66.8



Abundance Ion 65.00 (64.70 to 65.70): VN
 Ion 67.00 (66.70 to 67.70): VN

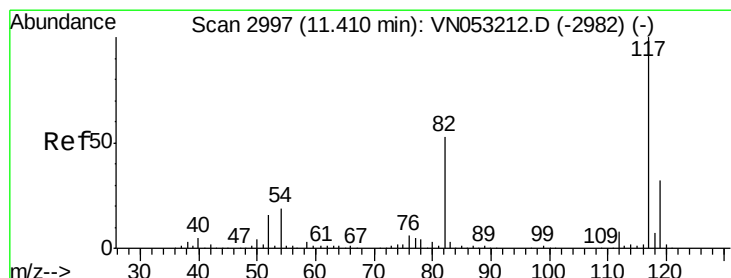
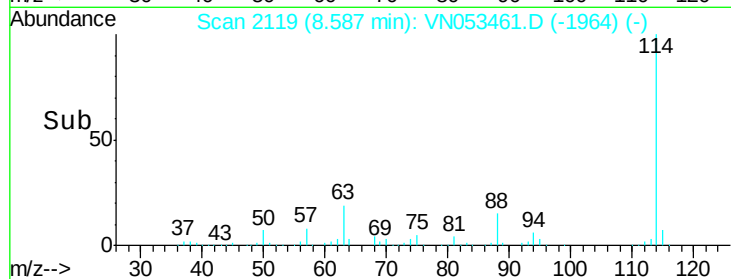
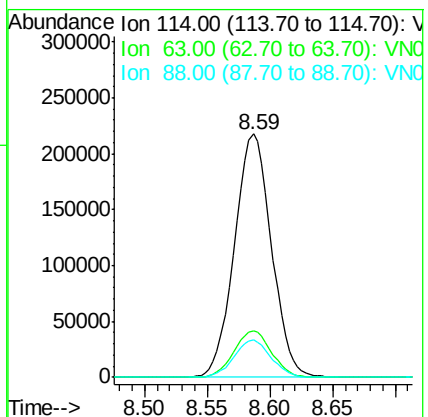
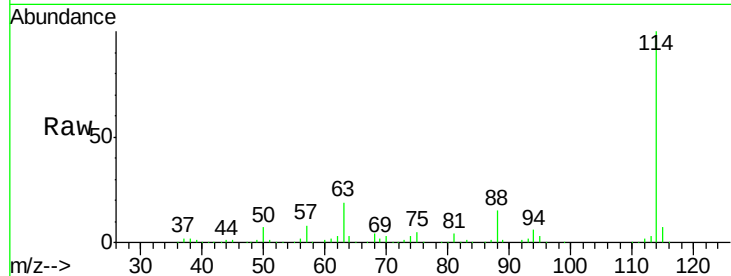




#28
 1,4-Difluorobenzene
 Concen: 30.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. -0.00 min
 Lab File: VN053461.D
 Acq: 18 Jan 2019 10:00

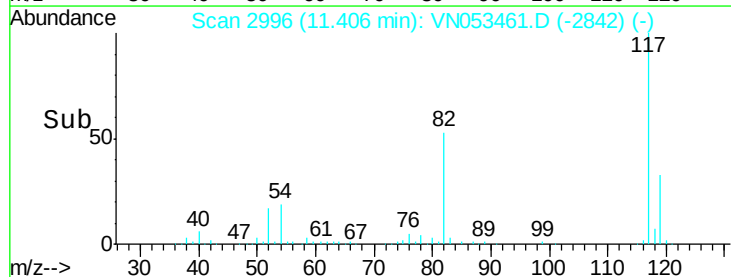
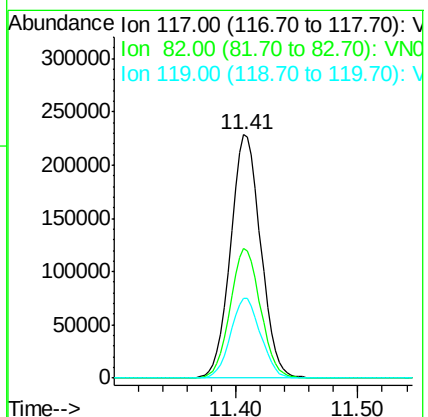
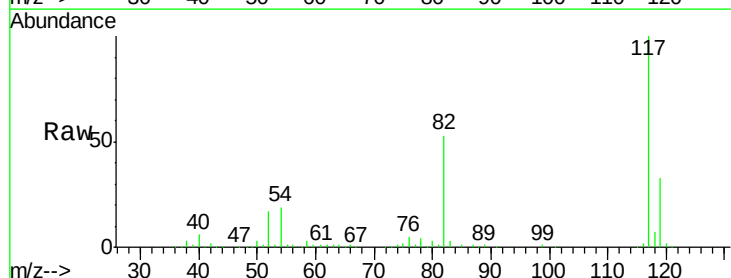
Instrument :
 MSVOA_N
 ClientSampled :
 SPDES-1

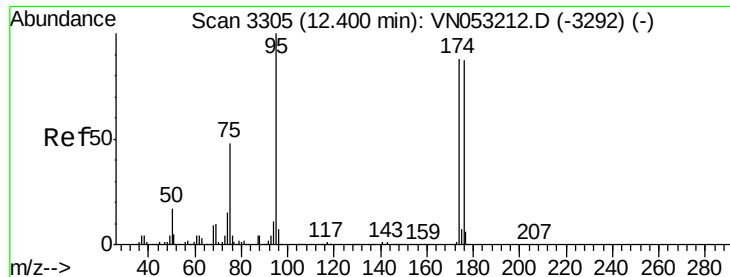
Tot Ion:114 Resp: 446471
 Ion Ratio Lower Upper
 114 100
 63 19.4 16.9 25.3
 88 15.2 12.8 19.2



#57
 Chlorobenzene-d5
 Concen: 30.000 ug/l
 RT: 11.41 min Scan# 2996
 Delta R.T. -0.00 min
 Lab File: VN053461.D
 Acq: 18 Jan 2019 10:00

Tgt Ion:117 Resp: 393794
 Ion Ratio Lower Upper
 117 100
 82 53.5 44.2 66.2
 119 32.7 25.4 38.2





#60

4-Bromofluorobenzene

Concen: Below ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.00 min

Lab File: VN053461.D

Acq: 18 Jan 2019 10:00

Instrument :

MSVOA_N

ClientSampleId :

SPDES-1

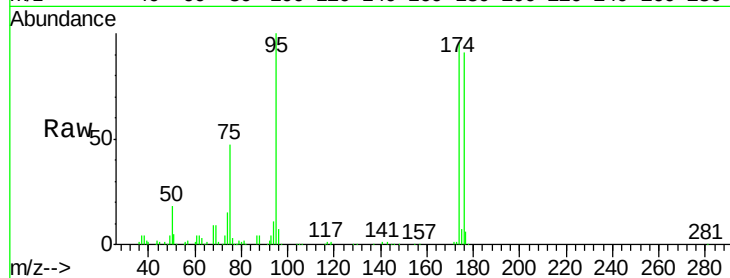
Tot Ion: 95 Resp: 161247

Ion Ratio Lower Upper

95 100

174 94.6 67.9 101.9

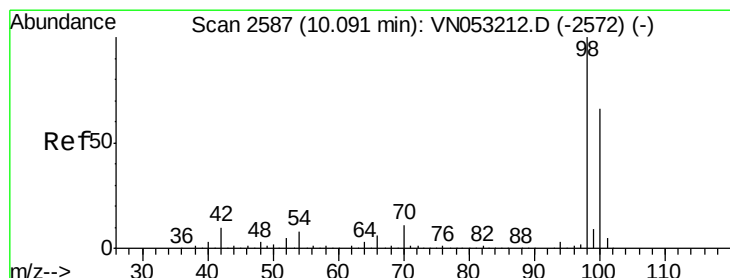
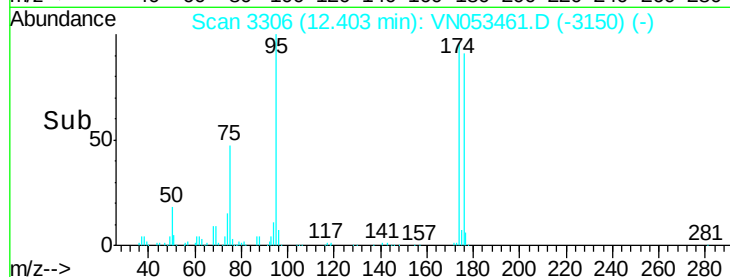
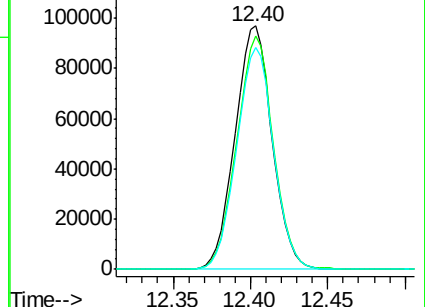
176 90.8 66.4 99.6



Abundance Ion 95.00 (94.70 to 95.70): VN053212.D (-3292) (-)

Ion 174.00 (173.70 to 174.70): VN053212.D (-3292) (-)

Ion 176.00 (175.70 to 176.70): VN053212.D (-3292) (-)



#63

Toluene-d8

Concen: Below ug/l

RT: 10.09 min Scan# 2587

Delta R.T. -0.00 min

Lab File: VN053461.D

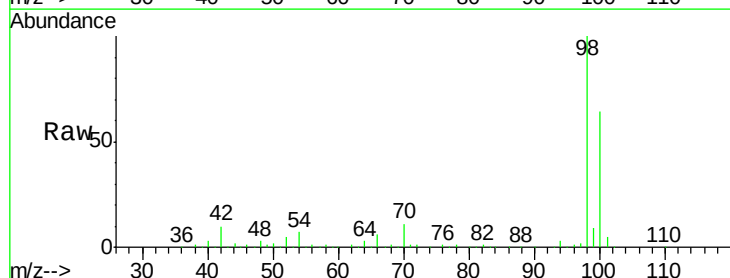
Acq: 18 Jan 2019 10:00

Tgt Ion: 98 Resp: 519643

Ion Ratio Lower Upper

98 100

100 64.0 51.1 76.7



Abundance Ion 98.00 (97.70 to 98.70): VN053212.D (-2572) (-)

Ion 100.00 (99.70 to 100.70): VN053212.D (-2572) (-)

